Flight

E2/C2
CQ-27 Solo

Mission

To train and evaluate students for carrier based operations.

ORM

CQ-27

- **Operational Requirements / Limitations**
  - **Crew Rest / Crew Day / Work Week**
  - **R&I**
  - **IP Currency (SOP)**
  - **Warm Up Eligibility**
  - **Previous Flight Incomplete? Determine Graded Items.**
  - **On-Wing Required?**
- **Human Factors**
  - **Life Stressors / External Factors / Personal Problems**
  - **Medical Status (Rest / Nourishment / Hydration)**
- **Hazards and Controls**
  - **Routine**
  - **Weather**
    - **Current Observations and Forecasts**
    - **Crosswinds**
    - **Fuel Considerations**
  - **Mission Specific**

TTO

CQ-27

- **Who will call a TTO?**
- **What situations will the TTO be called?**
  - **Safety**
  - **Confusion / Misunderstanding**
- **IP Responsibilities**
  - **Recognize need for TTO**
  - **Explanation / Instruction as necessary**
  - **Documentation on ATF**
- **When and how will training resume?**

CQ-27

Admin (Mission Card)

- **A/C - ATC C/S - Tactical C/S - Crew**
- **Brief / Walk / Marshal / Takeoff / Land Times**
- **ATC Clearance / IFF**
- **Line / T/O / Abort / RPM**
- **Comm Plan– Tac Freq**
- **Nav Plan**

ADMIN

CQ-27

- **Launch**
  - **Weather / NOTAMS / TFR / BASH**
  - **Preflight / Start / Marshal / Taxi**
  - **T/O**
  - **Transit- Course rules to / from NJW**
  - **RadAlt Usage**
- **RTB**
  - **Recovery**
  - **Diverts**

Flight Brief

CQ-27

- **QOD**
  - NATOPS
  - SOP
  - EP

- **Brief Items**
  - Carrier procedures

- **Practice:**
  - Communications
  - Course rules/pattern entry procedures
  - Pattern
  - Start position
  - AOA control
  - Glideslope control
  - Power control
  - Lineup control
  - Error detection/correction
  - Response to LSO calls
  - Bolter/touch-and-go techniques
  - Response to waveoff and techniques

Contingencies

CQ-27

Emergencies

- **Ground Emergencies**
- **Abort**
- **Rwy Dep / Gnd Ejection**
- **Radio/ICS failure**
- **Loss of Navaids**
- **Interval / Lost Sight**
- **System Failures**
- **Disorientation**
- **Bird strike/ Midair**
- **SAR procedures**
- **Ejection**
- **Aircrew Coordination**
- **No Acknowledgement of Ball Call**
- **Emergencies under LSO control**

Contingencies

- **Fallouts**
- **Weather**

CQ-27

Recap

- **Overall Flow**
- **Questions**